

What is a switchgear Assembly?

The switchgear assembly shall consist of a deadfront, metal-enclosed and integrated assembly including two (2) load interrupter switches with motor operator as herein after specified, and an automatic transfer control relay system containing sensing devices, low voltage logic control, and auxiliary equipment, as indicated on the drawings.

What is Eaton's MVS load interrupter switchgear?

Eaton's MVS Load Interrupter Switchgear is an integrated assembly of switches, bus and fuses that is constructed for medium-voltage circuit protection.

What is medium voltage switchgear?

Medium Voltage Switchgear The 6.9KV and 4.16KV Buses shown in the one-line diagram represent the plant medium voltage switchgear. Switchgear refers to a line-up of equipment to house circuit breakers, protective relays and control wiring.

What is a load interrupter type MVS switch?

Eaton's Load Interrupter Type MVS metal-enclosed switchgear provides safe, reliable switching and fault protection for medium-voltage circuits rated from 2.4 kV to 15 kV. The MVS switch is ideal for applications where high duty cycle operation is not required.

What is a duplex switchgear Assembly?

Furnish, where shown on the drawings, a duplex switchgear assembly configuration consisting of two (2) load interrupter switches with common load side bus to feed one load circuit, which shall be fused or unfused as indicated on the drawings.

What is a numbering scheme for a switchgear & circuit breaker?

All plants utilize a numbering scheme for their switchgear and circuit breakers. The scheme utilized here is as follows: The first digit of the number refers to the voltage level of the bus. A 1 is for 6.9KV, a 2 is for 4160V, and a 3 is for 480V.

Additionally, the schematic diagram also includes components such as the charging system, which allows the battery to be recharged using a power source, and the regenerative braking system, which harnesses the energy produced ...

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